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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/761,719	01/18/2001	Hiroshi Inoue	35.C15061	5427

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EXAMINER

CHEUNG, MARY DA ZHI WANG

ART UNIT	PAPER NUMBER
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3621

DATE MAILED: 04/29/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/761,719

Applicant(s)

INOUE ET AL.

Examiner

Mary Cheung

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 31 January 2005.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-49 and 60-62 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-49 and 60-62 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☐ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application (PTO-152)
- ☐ Other: _____.

DETAILED ACTION

Status of the Claims

1. This action is in response to the amendment filed on January 31, 2005. Claims 1-49 and 60-62 are pending. Claims 1, 3, 5, 9, 13, 15, 18, 22-25, 29, 33-35, 38, 42-49 are amended. Claims 50-59 are canceled. Claims 60-62 are added. All pending claims are examined.

Response to Arguments

2. Applicant's arguments filed January 31, 2005 have been fully considered but they are not persuasive.

In response to applicant's arguments that Ginter (U. S. Patent 5,892,900) fails to teach changing the received control information from a first intellectual property rights protection system to a second intellectual property rights protection system required by a client or a digital contents server, examiner respectfully disagrees. Ginter teaches control information C_A that corresponds to the first intellectual property rights protection system. Ginter further teaches the control information C_A is modified to a second control information $D_A(C_A)$ that corresponds to the second intellectual property rights protection system (column 326 line 49 – column 327 line 9 and column 329 line 46 – column 330 line 8).

Claim Objections

3. Claims 61-62 are objected to because of the following informalities:

(a) in line 9 of claim 61, the word "reaming" should be "roaming";

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(b) the last claim is being misnumbered as claim 60, which should be numbered as claim 62.

Appropriate correction is required.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-4, 6, 13-15, 22-24, 26, 33-35, 42-49 and 60-62 are rejected under 35 U.S.C. 102(b) as being anticipated by Ginter et al., U. S. Patent 5,892,900.

As to claims 1, 3, 22, 42, 46 and 60-61, Ginter teaches a digital contents distribution system and method having a client, a digital contents server, a roaming server, and a network connected between the client, the digital contents server, and the roaming server (column 53 line 39 – column 54 line 32 and column 55 lines 6-29 and Figs. 1, 2, 78-80),

a) wherein said roaming server comprises means for receiving from the digital contents server a digital content protected by a first intellectual property right protection system (column 56 lines 6-18 and column 326 line 49 – column 327 line 9 and Figs. 1, 2, 78-80; *specifically, "a first intellectual property right protection system" corresponds to "C_A" in Ginter's teaching*),

b) means for changing the intellectual property right protection system of the received digital content from the first intellectual property right protection system

to a second intellectual property right protection system, and for transmitting the digital content protected by the second intellectual property right protection system to said client (column 56 lines 18-24 and column 326 line 49 – column 327 line 9 and column 329 line 46 – column 330 line 8 and Figs. 1, 2, 78-80; *specifically, “a second intellectual property right protection system” corresponds to “ $D_A(C_A)$ ” in Ginter’s teaching*),

c) wherein the second intellectual property right protection system is an intellectual property right protection system which is required by said client or said digital contents server (column 329 line 46 – column 330 line 8).

As to claims 13, 15, 33, 44, 48 and 62, Ginter teaches a digital contents distribution system and method having a client, a roaming server, and a network connected between the client and the roaming server (column 53 line 39 – column 54 line 32 and column 55 lines 6-29 and Figs. 1, 2, 79-80),

a) wherein said roaming server comprises means for receiving from said client a digital content protected by a first intellectual property right protection system (column 311 line 30 – column 312 line 32 and column 326 line 49 – column 327 line 9 and Figs. 1, 2, 78-80; *specifically, “a first intellectual property right protection system” corresponds to “ C_A ” in Ginter’s teaching*),

b) means for changing the intellectual property right protection system of the received digital content from the first intellectual property right protection system to a second intellectual property right protection system, and for transmitting the digital content protected by the second intellectual property right protection

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system to said client (column 318 lines 30-58 and column 326 line 49 – column 327 line 9 and column 329 line 46 – column 330 line 8 and Figs. 1, 2, 78-80; specifically, “a second intellectual property right protection system” corresponds to “ $D_A(C_A)$ ” in Ginter’s teaching),

c) wherein the second intellectual property right protection system is an intellectual property right protection system which is required by said client (column 329 line 46 – column 330 line 8).

As to claims 2 and 14, Ginter said client includes means for transmitting, to said roaming server, information on the intellectual property right protection system available for said client (Figs. 1, 2, 78-80).

As to claim 4, Ginter teaches said client includes means for transmitting, to the digital contents server, information on the intellectual property right protection system available for said client (Figs. 1, 2, 78-80).

As to claims 6 and 26, Ginter teaches said roaming server includes means for vicariously executing authentication between said client and said digital contents server (column 12 lines 31-38 and column 310 line 5 – column 311 line 29 and column 315 lines 42-58).

As to claims 23 and 34, Ginter teaches protection system information receiving means for receiving from said client information on an intellectual property right protection system available for said client (Figs. 1, 2, 78-80).

As to claims 24 and 35, Ginter teaches said changing means performs change processing on the basis of the information received by said protection system

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information receiving means (column 109 lines 43-49 and column 326 line 49 – column 327 line 9 and column 329 line 46 – column 330 line 8).

As to claims 43, 45, 47 and 49, Ginter teaches a storage medium storing program codes for execution the digital contents distribution methods of claims 42, 44, 46 and 48 (Fig. 5B and see claims 42, 44, 46 and 48 above).

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 5 and 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ginter et al., U. S. Patent 5,892,900.

As to claims 5 and 25, Ginter teaches the roaming server receives requests from the digital contents server, and the roaming server change the intellectual property right protection system on the basis of the information (column 109 lines 43-49 and column 326 lines 27-48). Ginter does not specifically teach said roaming server receives information on a request for change of the intellectual property right protection system from the digital contents server. It would have been obvious to one of ordinary skill in the art to allow the requests received from the digital contents server by the roaming to be a request for change of the intellectual property right protection system so that the digital contents servers can provided variety types of digital contents to the client.

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8. Claims 7-10, 16-19, 27-30 and 36-39 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ginter et al., U. S. Patent 5,892,900 in view of Lewis et al., U. S. Patent 6,725,372.

As to claims 7, 16, 27 and 36, Ginter teaches the digital content comprises digital data encoded in accordance with MPEG (column 250 line 59 – column 251 line 6 and column 326 lines 40-45). Ginter does not specifically teach the digital data encoded in accordance with MPEG-4. However, Lewis teaches encoding digital data in accordance with MPEG-4 (column 6 lines 15-46). It would have been obvious to one of ordinary skill in the art at the time the invention was made to allow the digital data in Ginter's teaching to be encoded in accordance with MPEG-4 as taught by Lewis for allowing the digital contents server dealing with various standards of MPEG for attracting more clients.

As to claims 8, 17, 28 and 37, Ginter teaches the intellectual property right protection system comprises an IPMP System (column 57 lines 45-55; *specifically, the "IPMP system" corresponds to the "rules and controls" in Ginter's teaching*).

As to claims 9-10, 18-19, 29-30 and 38-39, Ginter does not specifically teach wherein IPMP_Type in IPMP_Descriptor IPMP Message prescribed in ISO/IEC SC29 14496-1 IS:1998 is used to identify the IPMP system. However, this standard is widely used; thus, one of ordinary skill in the art would have been motivated to use this standard for the system for better compliance during the system operation.

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9. Claims 11-12, 20-21, 31-32 and 40-41 are rejected under 35 U.S.C. 103(a) as being unpatentable over Ginter et al., U. S. Patent 5,892,900 in view of Lewis et al., U. S. Patent 6,725,372, and in further view of Fields et al., U. S. Patent 6,704,797.

As to claims 11-12, 20-21, 31-32 and 40-41, Ginter modified by Lewis teaches digital contents distributing system as discussed above. Ginter modified by Lewis does not specifically teach said client including means for transmitting IP_address (Internet Protocol address) information for identification of said client or said apparatus and transmitting URL (Uniform Resource Locator) information for identification of the digital content. However, Fields teaches these matters (abstract and column 4 lines 15-33 and column 6 line 58 – column 7 line 18). It would have been obvious to one of ordinary skill in the art at the time the invention was made to allow the teaching of Ginter modified by Lewis to include the feature of transmitting IP_address information for identification of said client and transmitting URL information for identification of the digital content as taught by Fields for preventing unauthorized access of the digital content.

Conclusion

10. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any

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extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Inquire

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mary Cheung whose telephone number is 571-272-6705. The examiner can normally be reached on M-Th (10:00-7:30) Second Friday Off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, James Trammell can be reached on 571-272-6712. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Mary Cheung
Patent Examiner
Art Unit 3621
April 27, 2005

